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STATEMENT UNDER 37 CFR 3.73(b)Applicant/Patent Owner: Illinois Tool Works Inc.Application No./Patent No./Control No.: 09/998,613 Filed/Issue Date: November 30, 2001Entitled: Virtual Private Supply ChainIllinois Tool Works Inc., a corporation

(Name of Assignee)

(Type of Assignee: corporation, partnership, university, government agency, etc.)

states that it is:

1. ☒ the assignee of the entire right, title, and interest; or
2. ☐ an assignee of less than the entire right, title and interest
(The extent (by percentage) of its ownership interest is _____ %)

in the patent application/patent identified above by virtue of either:

- A. ☐ An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel _____, Frame _____, or a true copy of the original assignment is attached.

OR

- B. ☒ A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as follows:

1. From: Davies, et al. To: Optum, Inc.
The document was recorded in the United States Patent and Trademark Office at
Reel 012338, Frame 0262, or for which a copy thereof is attached.
2. From: Optum, Inc. To: Illinois Tool Works Inc.
The document was recorded in the United States Patent and Trademark Office at
Reel 019589, Frame 0961, or for which a copy thereof is attached.
3. From: _____ To: _____
The document was recorded in the United States Patent and Trademark Office at
Reel _____, Frame _____, or for which a copy thereof is attached.

- ☒ Additional documents in the chain of title are listed on a supplemental sheet.

As required by 37 CFR 3.73(b)(1)(i), the documentary evidence of the chain of title from the original owner to the assignee was, or concurrently is being, submitted for recordation pursuant to 37 CFR 3.11.

[NOTE: A separate copy (i.e., a true copy of the original assignment document(s)) must be submitted to Assignment Division in accordance with 37 CFR Part 3, to record the assignment in the records of the USPTO. See MPEP 302.08]

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.



Signature

August 27, 2007

Date

Mark Croll

847-657-4073

Printed or Typed Name

Telephone Number

Vice President, Patents & Technology

Title

This collection of information is required by 37 CFR 3.73(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.



JANUARY 28, 2002

PTAS

Under Secretary of Commerce For Intellectual Property and
Director of the United States Patent and Trademark Office
Washington, DC 20231
www.uspto.gov

AMIN & TUROCY, LLP
HIMANSHU S. AMIN
1900 E. 9TH STREET
24TH FLOOR, NATIONAL CITY CETNER
CLEVELAND, OH 44114



101910179A

UNITED STATES PATENT AND TRADEMARK OFFICE
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 11/30/2001

REEL/FRAME: 012338/0262
NUMBER OF PAGES: 11

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

DAVIES, JOHN MERROW

DOC DATE: 09/21/2001

ASSIGNOR:

CASAMENTO, GARY

DOC DATE: 09/21/2001

ASSIGNOR:

KUMAR, MAHENDRA

DOC DATE: 11/20/2001

ASSIGNOR:

HILFERTY, THOMAS J.

DOC DATE: 09/27/2001

ASSIGNOR:

TEJOLESOMO, LISAYANI

DOC DATE: 09/21/2001

ASSIGNOR:

ORCHARD, FRANK E.

DOC DATE: 08/29/2001

ASSIGNOR:

FLON, LAWRENCE

DOC DATE: 09/21/2001

012338/0262 PAGE 2

ASSIGNOR:

ANDERSON, MICHAEL GARY

DOC DATE: 08/17/2001

ASSIGNOR:

CASAMENTO, LESLIE

DOC DATE: 09/21/2001

ASSIGNEE:

OPTUM, INC.

3330 HARBOR BLVD

COSTA MESA, CALIFORNIA 92626

SERIAL NUMBER: 09998613

FILING DATE: 11/30/2001

PATENT NUMBER:

ISSUE DATE:

MARCUS KIRK, EXAMINER
ASSIGNMENT DIVISION
OFFICE OF PUBLIC RECORDS

12-07-2001

FORM PTO-1595
(REV 6-93)

RE



EET

U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

OMB No. 0651-011 (exp. 4/94)

101910179

To the Honorable Commissioner of Patents and Trademarks. Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

John Merrow Davies Frank E. Orchard
 Gary Casamento Lawrence Flon
 Mahendra Kumar Michael Gary Andersen
 Thomas J. Hilferty Leslie Casamento
 Lisayani Tejolesmono

Additional name(s) of conveying
 party(ies) attached? [] Yes [X] No

3. Nature of conveyance:

[X] Assignment [] Merger
 [] Security Agreement [] Change of Name
 [] Other _____

Execution Date: 8/17/01, 8/29/01, 9/21/01, 9/27/01, 11/20/01

2. Name and address of receiving party(ies):

Name: _____ Optum, Inc.

Internal Address: _____

Street Address: 3330 Harbor Blvd

City: _____ Costa Mesa

State/Country: _____ California ZIP: 92626

Additional name(s) & address(es) attached? [] Yes [X] No

4. Application number(s) or patent number(s):

8/17/01, 8/29/01, 9/21/01

If this document is being filed together with a new application, the execution date of the application is: 9/26/01, 11/20/01

A. Patent Application No.(s)

B. Patent No.(s)

12/04/2001 SECRET 00000043 09998613

04 FC:581

40.00 DP

09998613

Additional Numbers attached? [] Yes [X] No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: _____ Himanshu S. Amin

Internal Address: _____

Amin & Turocy, LLP

Street Address: 24th Floor, National City Center
 1900 E. 9th Street

City: _____ Cleveland

State: _____ Ohio ZIP: 44114

6. Total number of applications and patents involved: [1]

7. Total fee (37 CFR 3.41)\$ 40.00

[X] Enclosed

[] Authorized to be charged to deposit account

8. Deposit account number:

50-1063

(Attach duplicate copy of this page if paying by deposit account)

DO NOT USE THIS SPACE

9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Himanshu S. Amin

Name of Person Signing

Signature

November 30, 2001

Date

Reg. No. 40,894 Total number of pages including cover sheet attachments, and document: [11]

Mail documents to be recorded with required cover sheet information to:
 Commissioner of Patents & Trademarks, Box Assignments
 Washington, D.C. 20231

12/04/2001
 09/98613

11/30/01

ASSIGNMENT

WHEREAS, we, John Merrow Davies, Gary Casamento, Mahendra Kumar, Thomas J. Hilferty, Lisayani Tejolesmono, Frank E. Orchard, Lawrence Flon, Michael Gary Anderson and Leslie Casamento (hereinafter referred to as ASSIGNORS), having post office addresses of 3330 Harbor Blvd., Costa Mesa, California 92626, 19312 Beckonridge Lane, Huntington Beach, California 92648, 260 N Mathilda Ave., #P7, Sunnyvale, California 94086, 346 Meadowbrook Drive, Huntington Valley, Pennsylvania 19006, 17412 Laurelbrook Ct., Cerritos, California 90703, 31 North Hillside Ave., #1, Elmsford, New York 10523, 3330 Harbor Blvd., Costa Mesa, California 92626 and 19312 Beckonridge Lane, Huntington Beach, California 92648 respectively, are the joint inventors of an invention entitled VIRTUAL PRIVATE SUPPLY CHAIN, as described and claimed in the specification forming part of an application for United States letters patent executed herewith;

WHEREAS, Optum, Inc. (hereinafter referred to as ASSIGNEE), a corporation of the State of California having a place of business at 3330 Harbor Blvd., Costa Mesa, California 92626, is desirous of acquiring the entire right, title and interest in and to the invention and in and to any letters patent that may be granted therefore in the United States and in any and all foreign countries;

NOW, THEREFORE, in exchange for good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNORS hereby sell, assign and transfer unto said ASSIGNEE, the entire right, title and interest in and to said invention, said application and any and all letters patent which may be granted for said invention in the United States of America and its territorial possessions and in any and all foreign countries, and in any and all divisions, reissues and continuations thereof, including the right to file foreign applications directly in the name of ASSIGNEE and to claim priority rights deriving from said United States application to which said foreign applications are entitled by virtue of international convention, treaty or otherwise, said invention, application and all letters patent on said invention to be held and enjoyed by said ASSIGNEE and its successors and assigns for their use and benefit and of their successors and assigns as fully and entirely as the same would have been held and enjoyed by ASSIGNORS had this assignment, transfer and sale not been made. ASSIGNORS hereby authorize and request the Commissioner of Patents and Trademarks to issue all letters patent on said invention to ASSIGNEE. ASSIGNORS agree to execute all instruments and documents required for the making and prosecution of applications for United States and foreign letters patent on said invention, for litigation regarding said letters patent, or for the purpose of protecting title to said invention or letters patent therefore.

ASSIGNMENT

Signed: *John Merrow Davies* Date: 21-SEP-01
John Merrow Davies

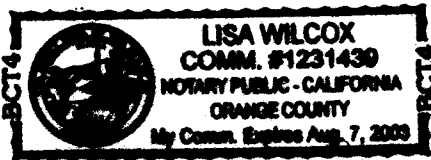
CERTIFICATE OF ACKNOWLEDGMENT

State of California

County of Orange

On Sept. 21, 2001 before me, Lisa Wilcox, Notary Public,
Name and Title of Officer (e.g., "Jane Doe, Notary Public")

personally appeared John Merrow Davies.
Name(s) of Signer(s)



___ personally known to me - OR - X proved to me
on the basis of satisfactory evidence to be the person
whose name is subscribed to the within instrument
and acknowledged to me that he executed the same in
his authorized capacity, and that by his signature on
the instrument the person, or the entity upon behalf of
which the person acted, executed the instrument.

WITNESS my hand and official seal.

Lisa Wilcox
Signature of Notary Public

ASSIGNMENT

Signed: Gary Casamento Date: 9/21/2001
Gary Casamento

CERTIFICATE OF ACKNOWLEDGMENT

State of California

County of Orange

On Sept. 21, 2001 before me, Lisa Wilcox,
Name and Title of Officer (e.g., "Jane Doe, Notary Public")

personally appeared Gary Casamento.
Name(s) of Signer(s)

___ personally known to me - OR - ☒ proved to me
on the basis of satisfactory evidence to be the person
whose name is subscribed to the within instrument
and acknowledged to me that he executed the same in
his authorized capacity, and that by his signature on
the instrument the person, or the entity upon behalf of
which the person acted, executed the instrument.

WITNESS my hand and official seal.



Lisa Wilcox
Signature of Notary Public

ASSIGNMENT

Signed: Mahendra Kumar Date: 11/20/2001
Mahendra Kumar

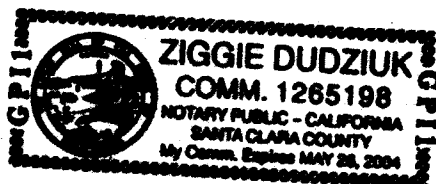
CERTIFICATE OF ACKNOWLEDGMENTState of CALIFORNIACounty of SANTA CLARA

2001.
On 20 . NOVEMBER before me, ZIGGIE DUDZIUK - NOTARY PUBLIC. -----
Name and Title of Officer (e.g., "Jane Doe, Notary Public")

personally appeared Mahendra Kumar.
Name(s) of Signer(s)

 personally known to me -OR- X proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.



[Signature]
Signature of Notary Public

ASSIGNMENT

Signed: Thomas J. Hilferty

Thomas J. Hilferty

Date: 27 Sept 2001CERTIFICATE OF ACKNOWLEDGMENTState of PACounty of MontgomeryOn 9-27-01 before me, Thomas J. Hilferty

Name and Title of Officer (e.g., "Jane Doe, Notary Public")

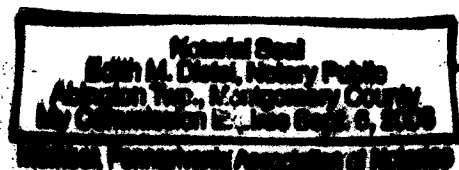
personally appeared Thomas J. Hilferty.

Name(s) of Signer(s)

 personally known to me -OR- proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

Edith M. Dittel
Signature of Notary Public



ASSIGNMENT

Signed: [Signature]
Lisayani Tejolesmono

Date: 09/21/2001

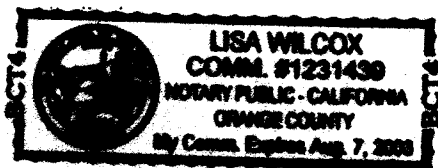
CERTIFICATE OF ACKNOWLEDGMENT

State of California

County of Orange

On Sept. 21, 2001 before me, Lisa Wilcox, Notary Public,
Name and Title of Officer (e.g., "Jane Doe, Notary Public")

personally appeared Lisayani Tejolesmono.
Name(s) of Signer(s)



___ personally known to me -OR - X proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in her authorized capacity, and that by her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

[Signature]
Signature of Notary Public

ASSIGNMENT

Signed: Frank E. Orchard Date: 8/29/01
Frank E. Orchard

CERTIFICATE OF ACKNOWLEDGMENT

State of North Carolina
County of Mecklenburg
On 8/29/01 before me, Paula McGinnis
Frank E. Orchard
Name and Title of Officer (e.g., "Jane Doe, Notary Public")

personally appeared Frank E. Orchard.
Name(s) of Signer(s)

 personally known to me -OR- proved
to me on the basis of satisfactory evidence to
be the person whose name is subscribed to the
within instrument and acknowledged to me
that he executed the same in his authorized
capacity, and that by his signature on the
instrument the person, or the entity upon
behalf of which the person acted, executed the
instrument.

WITNESS my hand and official seal.

Paula McGinnis
Signature of Notary Public
WKP 1/4/2004

ASSIGNMENT

Signed: Lawrence Flon Date: 9/21/01
Lawrence Flon

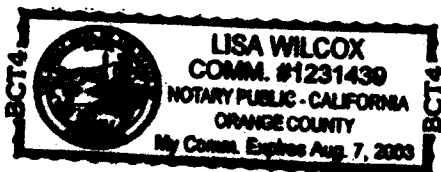
CERTIFICATE OF ACKNOWLEDGMENT

State of California

County of Orange

On Sept. 21, 2001 before me, Lisa Wilcox, Notary Public,
Name and Title of Officer (e.g., "Jane Doe, Notary Public")

personally appeared Lawrence Flon.
Name(s) of Signer(s)



___ personally known to me -OR- ~~X~~ proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

Lisa Wilcox
Signature of Notary Public

ASSIGNMENT

Signed: Michael Gary Anderson Date: 8-17-2001
Michael Gary Anderson

CERTIFICATE OF ACKNOWLEDGMENT

State of North Carolina
County of Mecklenburg
On 8-17-2001 before me, Jane B. Henderson Notary Public
Name and Title of Officer (e.g., "Jane Doe, Notary Public")

personally appeared Michael Gary Anderson.
Name(s) of Signer(s)

___ personally known to me -OR- ✓ proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

Jane B. Henderson
Signature of Notary Public

ASSIGNMENT

Signed: Leslie Casamento Date: 9/21/01
Leslie Casamento

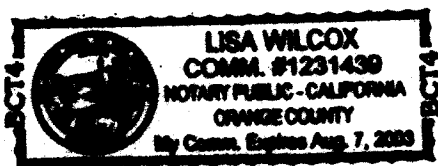
CERTIFICATE OF ACKNOWLEDGMENT


State of California

County of Orange

On Sept. 21, 2001 before me, Lisa Wilcox,
Name and Title of Officer (e.g., "Jane Doe, Notary Public")

personally appeared Leslie Casamento.
Name(s) of Signer(s)



X  personally known to me -OR- X proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that she executed the same in her authorized capacity, and that by her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

Lisa Wilcox
Signature of Notary Public

ASSIGNMENT

For valuable and sufficient consideration from Illinois Tool Works Inc. (hereinafter referred to as "Assignee"), a Delaware corporation having its principal place of business at 3600 West Lake Avenue, Glenview, Illinois 60026-1215, receipt of such consideration being hereby acknowledged on authority of, and as legal representative, I/ we,

Mark Croll

for Optum, Inc.

hereby sell, assign and convey unto Assignee, its successors and assigns, the entire right, title and interest:

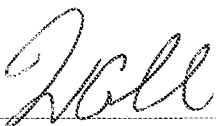
(1) in and to the inventions of the patent application entitled "VIRTUAL PRIVATE SUPPLY CHAIN", Non-Provisional United States Patent Application No. 09/998,613 filed on 30-NOV-2001;

(2) in and to any PCT Patent Application, United States Patent Application and/or United States Provisional Application(s) and in and to all other patent applications now or hereafter filed in the United States and countries foreign to the United States (including divisional, continuation, reexamination, and reissue applications, and legal equivalents thereof) based upon said invention, and in and to the patent or patents granted thereon or issued therefrom, including reissues or the like thereof, if any, to the full end of the term or terms for which said patent or patents may be granted or issued.

I/we agree that any patent applications of any countries foreign to the United States which may be filed under any applicable international treaties and/or conventions based upon said invention(s) shall be filed in the name of Assignee with the right to claim priority to any earlier filed applications based upon said invention(s).

I/we hereby further agree that I/we shall, upon demand of Assignee, its successors or assigns, and without further consideration to me/us, execute any and all papers that may be necessary, or deemed by Assignee, its successors or assigns, to be necessary, to be a complete fulfillment of the intent and purposes of this Assignment, it being understood that any expense incident to the execution of such papers shall be paid by Assignee, its successors and assigns, and not by me/us.

I/we hereby further agree and authorize the Commissioner of Patents and Trademarks of the United States and all other appropriate government officials for applicable countries foreign to the United States to issue any and all above-identified patents to Assignee.



Name: Mark Croll

23 July 2007

Date

Vice President, Optum, Inc.

Title